

DERWENT-ACC-NO: 1979-50231B

DERWENT-WEEK: 197927

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TITLE: Prepn. of PVA by solvolysis of PVAC in aq. alcohol -  
using basic catalyst, giving narrow, low degree of  
solvolysis

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PRIORITY-DATA: 1977NL-0014035 (December 19, 1977)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
NL <u>7714035</u> A	June 21, 1979	N/A	000	N/A

INT-CL (IPC): C08F008/12, C08F016/06

ABSTRACTED-PUB-NO: NL 7714035A

BASIC-ABSTRACT:

Polyvinyl alcohol is prep'd. by alkali-catalysed solvolysis of PVAC, to a degree of solvolysis of 40-70 moles %, in a solvent mixt. of 100 pts. wt. of a 1-4C alcohol and 2-30 5-20 pts. wt. of water.

The PVA is esp. suitable as sec. suspending agent in suspension polymerisation of vinyl chloride. PVA with a narrow range of degree of solvolysis can be obtd. The degree of solvolysis can be regulated by varying the ratio of water: PVAC. The viscosity does not increase more than slightly during the solvolysis, and no gel is formed. The aq. alcoholic soln. of PVA can be used as suspending agent without further processing.

TITLE-TERMS: PREPARATION PVA SOLVOLYSIS PVAC AQUEOUS ALCOHOL BASIC CATALYST  
NARROW LOW DEGREE SOLVOLYSIS

ADDL-INDEXING-TERMS:  
POLYVINYL ACETATE

DERWENT-CLASS: A14 A60

CPI-CODES: A04-F08; A08-S06; A10-E09A;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0008 0040 0043 0046 0209 0214 0224 0228 0229 0759 0780 0787 2007  
2065 2083 2179 2272 2279 2318 2585 2857 2043

Multipunch Codes: 011 03& 03- 031 06- 061 062 063 066 067 09& 09- 10& 15& 231  
244 245 263 293 311 316 318 327 347 351 44& 575 583 589 678 688 689 720

